RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/053,526B_

Source: _1FW/6_

Date Processed by STIC: _5/6/05_

ENTERED

RAW SEQUENCE LISTING   DATE: 05/06/2005
PATENT APPLICATION: US/10/053,526B   TIME: 13:39:02

Input Set : A:\00406663.txt
Output Set: N:\CRF4\05052005\J053526B.raw

```
   3 <110> APPLICANT: Dutreix, Marie
   4        Sun, Jian-Sheng
   5        Biet, Elodie
   6        Maurisse, Rosalie
   7        Feugeas, Jean-Paul
   9 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR EFFECTING HOMOLOGOUS
RECOMBINATION
  11 <130> FILE REFERENCE: 03754/000K213-US0
  13 <140> CURRENT APPLICATION NUMBER: 10/053,526B
C--> 14 <141> CURRENT FILING DATE: 2002-01-18
  16 <150> PRIOR APPLICATION NUMBER: PCT/IB01/00749
  17 <151> PRIOR FILING DATE: 2001-03-05
  19 <150> PRIOR APPLICATION NUMBER: EP 00401218.3
  20 <151> PRIOR FILING DATE: 2000-03-05
  22 <160> NUMBER OF SEQ ID NOS: 19
  24 <170> SOFTWARE: PatentIn version 3.2
  26 <210> SEQ ID NO: 1
  27 <211> LENGTH: 28
  28 <212> TYPE: DNA
  29 <213> ORGANISM: artificial
  31 <220> FEATURE:
  32 <223> OTHER INFORMATION: oligonucleotide
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  40 <212> TYPE: DNA
  41 <213> ORGANISM: artificial
  43 <220> FEATURE:
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  50 <210> SEQ ID NO: 3
  51 <211> LENGTH: 12
  52 <212> TYPE: DNA
  53 <213> ORGANISM: artificial
  55 <220> FEATURE:
  56 <223> OTHER INFORMATION: oligonucleotide
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  62 <210> SEQ ID NO: 4
  63 <211> LENGTH: 11
  64 <212> TYPE: DNA
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68 <223> OTHER INFORMATION: oligonucleotide
70 <400> SEQUENCE: 4
71 gctggccagc g                                              11
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 40
76 <212> TYPE: DNA
77 <213> ORGANISM: artificial
79 <220> FEATURE:
80 <223> OTHER INFORMATION: oligonucleotide
82 <400> SEQUENCE: 5
83 ccgggtctag aaaagaaaag gggggatacg cgtggccagc               40
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 40
88 <212> TYPE: DNA
89 <213> ORGANISM: artificial
91 <220> FEATURE:
92 <223> OTHER INFORMATION: oligonucleotide
94 <400> SEQUENCE: 6
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98 <210> SEQ ID NO: 7
99 <211> LENGTH: 21
100 <212> TYPE: DNA
101 <213> ORGANISM: artificial
103 <220> FEATURE:
104 <223> OTHER INFORMATION: oligonucleotide
106 <400> SEQUENCE: 7
107 ccggtcgcca ccatggtgag c                                  21
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 20
112 <212> TYPE: DNA
113 <213> ORGANISM: artificial
115 <220> FEATURE:
116 <223> OTHER INFORMATION: oligonucleotide
118 <400> SEQUENCE: 8
119 cgcgtggcca gctcgagatc                                    20
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 12
124 <212> TYPE: DNA
125 <213> ORGANISM: artificial
127 <220> FEATURE:
128 <223> OTHER INFORMATION: oligonucleotide
130 <400> SEQUENCE: 9
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134 <210> SEQ ID NO: 10
135 <211> LENGTH: 17
136 <212> TYPE: DNA
137 <213> ORGANISM: artificial
139 <220> FEATURE:
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140 <223> OTHER INFORMATION: oligonucleotide
143 <220> FEATURE:
144 <221> NAME/KEY: misc_feature
145 <222> LOCATION: (1)..(17)
146 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
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149 nnnnntntnn ngnggng                                              17
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153 <211> LENGTH: 17
154 <212> TYPE: DNA
155 <213> ORGANISM: artificial
157 <220> FEATURE:
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161 <220> FEATURE:
162 <221> NAME/KEY: misc_feature
163 <222> LOCATION: (1)..(17)
164 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
166 <400> SEQUENCE: 11
167 nnntntntnt nggggggg                                             17
170 <210> SEQ ID NO: 12
171 <211> LENGTH: 65
172 <212> TYPE: DNA
173 <213> ORGANISM: artificial
175 <220> FEATURE:
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178 <400> SEQUENCE: 12
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181 ctcat                                                          65
184 <210> SEQ ID NO: 13
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186 <212> TYPE: DNA
187 <213> ORGANISM: artificial
189 <220> FEATURE:
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195 gagta                                                          65
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199 <211> LENGTH: 18
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201 <213> ORGANISM: artificial
203 <220> FEATURE:
204 <223> OTHER INFORMATION: oligonucleotide
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210 <210> SEQ ID NO: 15
211 <211> LENGTH: 12
212 <212> TYPE: DNA
213 <213> ORGANISM: artificial
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W--> (line 149)
W--> (line 167)

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225 <213> ORGANISM: artificial
227 <220> FEATURE:
228 <223> OTHER INFORMATION: oligonucleotide
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234 <210> SEQ ID NO: 17
235 <211> LENGTH: 40
236 <212> TYPE: DNA
237 <213> ORGANISM: artificial
239 <220> FEATURE:
240 <223> OTHER INFORMATION: oligonucleotide
242 <400> SEQUENCE: 17
243 gcgcaccggt cgaagaaaaa tgcatggacc accatcagaa   40
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247 <211> LENGTH: 37
248 <212> TYPE: DNA
249 <213> ORGANISM: artificial
251 <220> FEATURE:
252 <223> OTHER INFORMATION: oligonucleotide
254 <400> SEQUENCE: 18
255 gctggccacg cgtatccccc cttttctttt ctagacg   37
258 <210> SEQ ID NO: 19
259 <211> LENGTH: 37
260 <212> TYPE: DNA
261 <213> ORGANISM: artificial
263 <220> FEATURE:
264 <223> OTHER INFORMATION: oligonucleotide
266 <400> SEQUENCE: 19
267 cgaccggtgc gcatagggggg gaaaagaaaa gatctgc   37

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/06/2005
PATENT APPLICATION: **US/10/053,526B**   TIME: 13:39:03

Input Set : **A:\00406663.txt**
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:10; N Pos. 1,2,3,4,5,7,9,10,11,13,16
Seq#:11; N Pos. 1,2,3,5,7,9,11

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19

VERIFICATION SUMMARY   DATE: 05/06/2005
PATENT APPLICATION: **US/10/053,526B**   TIME: 13:39:03

Input Set : **A:\00406663.txt**
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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0